

PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

SC196401

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2005/000038

International filing date (day/month/year)

05.01.2005

Priority date (day/month/year)

06.01.2004

International Patent Classification (IPC) or both national classification and IPC

Applicant

SONY COMPUTER ENTERTAINMENT INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/000038

Box No. I

Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

This opinion has been established on the basis of a translation from the original language into the following language

, which is the language of a translation furnished for the purposes of international search (under

Rule 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☐

in written format

☐

in computer readable form

c. time of filing/furnishing

☐

contained in the international application as filed.

☐

filed together with the international application in computer readable form.

☐

furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/JP2005/000038

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-14	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-14	NO
Industrial applicability (IA)	Claims	1-14	YES
	Claims		NO

2. Citations and explanations:

- Document 1: JP 2001-321564 A (Sega Corp.), 20 November 2001
Full text; all drawings (Family: none)
- Document 2: JP 7-281666 A (Casio Computer Corp.), 27 October 1995
Full text; all drawings (Family: none)
- Document 3: JP 2000-10696 a (Sony Corp.), 14 January 2000
Full text; all drawings (Family: none)

The inventions described in claims 1, 3, and 5-8 do not appear to involve an inventive step over the above-mentioned document 1 and document 2 cited in the ISR.

Document 1 describes an information processing system comprising means for generating computer images prompting a player for actions involving virtually touching a plurality of touch points and means for executing predetermined processing when detecting means detects that a predetermined number of touch points have been virtually touched in a predetermined order.

(In particular, see Par. Nos. 0223-0224 and Fig. 44)

Document 2 describes a user interface comprising means for receiving input of video images of the user captured using image pickup means, display control means for displaying the video images on a display device by superimposing them with computer images, and means for analyzing video images obtained when the computer images are displayed and for detecting virtual touch at any of the plurality of touch points.

A person skilled in the art is accustomed to examining various kinds of interfaces for information processing systems and adapting the interface described in document 2 to the information processing system described in document 1 would be easy for a person skilled in the art.

The invention of claim 2 does not appear to involve an inventive step over document 1 and document 2 cited in the ISR.

In document 2, virtual touch is detected when objects of certain color carried by the player in the video images overlap with any of the plurality of touch points in the computer images. (In particular, see Par. Nos. 0014-0015).

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: V

The invention described in claim 4 does not appear to involve an inventive step over document 1 and document 2 cited in the ISR.

Par. Nos. 0069-0070 of document 1 describe a game that generates computer images showing the next two touch points to be touched and detecting whether these two touch points have been simultaneously virtually touched. A person skilled in the art could easily conceive of using two touch points simultaneously in a game, in which it is detected whether touch points have been virtually touched in a predetermined order.

The inventions described in claims 9-14 do not appear to involve an inventive step over document 3 cited in the ISR.

Drawing software that displays lines connecting points by displaying points on a grid is so well-known that there is no need to provide special examples and a person skilled in the art could easily use the input means described in document 3 as the interface of such conventional well-known drawing software.

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International Patent Classification (IPC) or both national classification and IPC

Applicant

SONY COMPUTER ENTERTAINMENT INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
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WRITTEN OPINION OF THE
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International application No.

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2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐ a sequence listing

☐ table(s) related to the sequence listing

b. format of material

☐ in written format

☐ in computer readable form

c. time of filing/furnishing

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☐ filed together with the international application in computer readable form.

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3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/000038

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-14	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-14	NO
Industrial applicability (IA)	Claims	1-14	YES
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(In particular, see Par. Nos. 0223-0224 and Fig. 44)

Document 2 describes a user interface comprising means for receiving input of video images of the user captured using image pickup means, display control means for displaying the video images on a display device by superimposing them with computer images, and means for analyzing video images obtained when the computer images are displayed and for detecting virtual touch at any of the plurality of touch points.

A person skilled in the art is accustomed to examining various kinds of interfaces for information processing systems and adapting the interface described in document 2 to the information processing system described in document 1 would be easy for a person skilled in the art.

The invention of claim 2 does not appear to involve an inventive step over document 1 and document 2 cited in the ISR.

In document 2, virtual touch is detected when objects of certain color carried by the player in the video images overlap with any of the plurality of touch points in the computer images. (In particular, see Par. Nos. 0014-0015).

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Applicant's or agent's file reference SC196401		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/JP2005/000038	International filing date (day/month/year) 05.01.2005	Priority date (day/month/year) 06.01.2004
International Patent Classification (IPC) or both national classification and IPC		
Applicant SONY COMPUTER ENTERTAINMENT INC.		

1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
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Name and mailing address of the ISA/JP	Authorized officer
Facsimile No.	Telephone No.

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	Claims		NO
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Supplemental Box

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Continuation of: V

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